

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051102

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01R33/389

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 652 514 A (ZHANG WEIGUO ET AL) 29 July 1997 (1997-07-29) column 1, line 39 -column 3, line 14 column 4, line 1 -column 7, line 15 column 7, line 55 -column 8, line 6; figures 2,3	1-18
X	US 6 404 196 B1 (MERKLE ELMAR ET AL) 11 June 2002 (2002-06-11) column 2, line 33 -column 3, line 31 column 5, line 42 -column 7, line 12; figures 3,4,6,7	1-18
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

30 August 2004

Date of mailing of the international search report

21/09/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 914 601 A (GOLDFARB JAMES W) 22 June 1999 (1999-06-22)</p> <p>column 1, line 59 -column 2, line 30 column 2, line 56 -column 4, line 51; figures 1-5</p>	<p>1-6, 9, 11-13, 15, 17</p>
A	<p>PATENT ABSTRACTS OF JAPAN vol. 013, no. 399 (C-632), 5 September 1989 (1989-09-05) &amp; JP 01 141656 A (YOKOGAWA MEDICAL SYST LTD), 2 June 1989 (1989-06-02) abstract</p>	<p>1, 3-5, 7, 9, 11, 12, 14, 15, 18</p>
A	<p>EP 0 337 588 A (UNIV CALIFORNIA) 18 October 1989 (1989-10-18) column 8, line 20 -column 17, line 26</p>	<p>1-18</p>
A	<p>XIAOLI ZHAO ET AL: "B0-fluctuation-induced temporal variation in EPI image series due to the disturbance of steady-state free precession" MAGNETIC RESONANCE IN MEDICINE NOV. 2000 WILEY USA, vol. 44, no. 5, pages 758-765, XP002294259 ISSN: 0740-3194 see the whole document</p>	<p>2</p>

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5652514	A	29-07-1997	GB	2311613 A	01-10-1997
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